
BIOGRAPHICAL SKETCH

NAME		POSITION TITLE	
THIBAUT, Pierre		Laboratory director/Full Professor	
EDUCATION/TRAINING (<i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i>)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Montreal (Canada)	Bachelor	1981	Chemistry
University of Montreal (Canada)	PhD	1987	Analytical Chemistry
Biotechnology research Institute, NRC (Canada)	Post-Doc	1990	Protein Chemistry

A. Positions and Honors.**Positions and Employment**

1981-1982	Industrial Hygienist, St-Luc Community Health Hospital
1990-1996	Research Officer, National Research Council, Institute for Marine Biosciences
1995-1998	Adjunct Professor, Department of Chemistry, Faculty of Sciences, Dalhousie University
1996-2002	Senior Research Officer and Group Leader, Immunochemistry, NRC, Institute for Biol. Sciences
2000-2003	Adjunct Professor, Dept. of Biochemistry, Microbiol. and Immunol., Ottawa University
2000-2004	Executive Director, Protein Analysis, Caprion Pharmaceuticals
2001-	Adjunct Professor, Anatomy and Cell Biology, Faculty of Medicine, McGill University
2004-	Associate Professor, Dept. of Biochemistry, University of Montreal
2004-	Full Professor, Dept. of Chemistry, University of Montreal
2004-	Senior scientist and Director, Laboratory of "Proteomics and Bioanalytical Mass Spectrometry", Institut de recherche en immunologie et cancérologie (IRIC)

Awards and Honors

2004	Canada Research Chair Tier I in Proteomics and bioanalytical mass spectrometry
1996	President's award on Bioanalytical Mass Spectrometry NRC
1988	President's award on solving national problem, NRC
1983-1985	IRSST graduate student scholarship

B. Selected Peer Reviewed Publications past 5 years (out of a total of 158 publications, 15 book chapters, 1 book edited, 8 technical reports, not including submitted manuscripts)

1. M. Courcelles, S. Lemieux, S. Meloche, **P. Thibault***, "ProteoConnections: a platform facilitating the analysis and comparison of proteomics and phosphoproteomics datasets", *Proteomics*, in press.
2. F. Galisson, L. Mahrouche, M. Courcelles, E. Bonneil, S. Meloche, M. K. Chelbi-Alix, **P. Thibault**", "A novel proteomics approach to identify SUMOylated proteins and their modification sites in human cells, *Mol Cell. Proteomics*, 10, M110.004796 (2011)
3. D. Ashton-Beaucage, C. M. Udell, H. Lavoie, C. Baril, M. Lefrançois, P. Chagnon, P. Gendron, O. Caron-Lizotte, É. Bonneil, **P. Thibault**, M. Therrien, "The Exon Junction Complex Controls the Splicing of *mapk* pre-mRNA and Other Long Intron-Containing Transcripts in *Drosophila*", *Cell*, 143, 251–262, (2010).
4. D. de Verteuil[#], T. L. Muratore-Schroeder[#], D. P. Granados, M.-H. Fortier, M.-P. Hardy^{†§}, A. Bramoullé, É. Caron, K. Vincent, S. Mader, S. Lemieux, **P. Thibault***, C. Perreault*, "Immunoproteasomes Imprint on the Transcriptome and Have a Broad Impact on Peptides Presented by Major Histocompatibility Complex I molecules", 9, 2057-2070 (2010), [#]co-first authors, * co-senior authors.
5. J. Boulais, M. Trost, C. Landry, R. Dieckmann, E. Levy, T. Soldati, S. Michnick, **P. Thibault***, M. Desjardins*, "Molecular characterization of the evolution of phagosomes", *Mol. Syst. Biol.*, 6, 423 (2010). * co-senior authors
6. M. Trost, G. Bridon, M. Desjardins, **P. Thibault**, "Subcellular phosphoproteomics", *Mass Spectrometry reviews*, 29, 962-990 (2010).

Summary of accomplishments:

Dr. Pierre Thibault is a renowned bioanalytical chemist specialized in mass spectrometry and proteomics with more than 20 years experience as a principal investigator in academic, government and industry laboratories. Before joining IRIC in 2004, Dr. Thibault was a founding director at Caprion Pharmaceuticals (2001-2004) where he developed an innovative proteomics platform together with bioinformatic tools to identify and quantify proteins differentially expressed in cancer cells as part of immunotherapy programs in partnership with pharmaceutical companies. He was also a Senior Research Officer with the National Research Council of Canada's Institute of Marine Biosciences in Halifax (1990-1996) and Institute of Biological Sciences in Ottawa (1996-2002). He pioneered the use of sensitive high resolution separation methods and microfluidic devices coupled to mass spectrometry and their applications in protein chemistry and cell biology. His current research program in mass spectrometry-based proteomics provides a deeper understanding of molecular mechanisms and post-translational modifications, which regulate the function and translocation of proteins involved in immunity and signalling in cancer cells. His scientific achievements in this area have been recognized by numerous awards and distinctions including the National Research Council Outstanding merit award for scientific innovation and the Canada Research Chair in bioanalytical mass spectrometry and proteomics. He is the author of more than 150 publications in scientific journals including Cell, Nature, and Nature medicine. He regularly serves as member of peer review committees, consultant for instrumentation companies and Scientific Advisor to funding agencies and research institutes.